

BeamLine Operations and Safety Awareness (BLOSA) Checklist

Beamline DUV-FEL

Rev. 10/24/2005

Visitors shall not use this BLOSA form - use the Visitor/Escort form at each entrance to the Building 729. This BLOSA form is only for those individuals who are facility Users or operations staff. They must have already completed NSLS access training (including GERT/LS Rad Module and NSLS Safety Module) and the SDL ESH Briefing.

Confirm that Each User:

- ☐ **Checked in** at User Administration **OR** has **valid BNL ID Badge** encoded for DUV-FEL access.
- ☐ Completed **NSLS Safety Training** and **NSLS Radiological Access** Module **OR** **GERT training**
- ☐ Obtained a **TLD** from either NSLS User Administration or the NSLS Control Room.
- ☐ Understands they are **NEVER** allowed to wear another person's TLD.
- ☐ Understands monthly exchange TLD is required.

Emergency and Facility Safety

- ☐ **Phone numbers:** Fire/Medical x2222/911, Security x2238, Control Rm x2550, Bldg. Manager x3476
- ☐ **DUV-FEL facility** assistance: x5350 or building 729 page: 646 page.
- ☐ **Fire alarms:** **Evacuate** by nearest safe exit and meet in Parking Lot south of Bldg. 726.
- ☐ **Site alarms:** **Continuous** Siren — **Assemble** inside Bldg. 725 Main Lobby and Seminar Room.
Intermittent Siren — **Evacuate site** immediately; apartment residents go to Berkner Hall
- ☐ **Nearest exits**, route identification and walkdown
- ☐ **Eye wash/shower station** location In 729
- ☐ **Fire Extinguisher & Fire Alarm Pull Station** locations
- ☐ **Greenboard** safety

DUV-FEL Safety

- ☐ **DUV-FEL Safety** personnel are: Facility Mgr. X.J. Wang (x5791); Safety Coord.: X.J. Wang (x5791), P. Singh (x5350)
- ☐ **Emergency STOP button** identification and purpose
- ☐ **Never defeat or circumvent any interlock system**
- ☐ **Power failure response** and **circuit breaker** location
- ☐ **Experiment Safety Approval Form (SAF)**
- ☐ **Radiation** hazards, shielding and postings
- ☐ **DUV-FEL Facility-Specific Safety Orientation**

DUV-FEL Laser Safety : Laser Coordinator: T. Tsang (x2225)

- ☐ **BNL Basic Laser Training**
- ☐ **Medical Surveillance**
- ☐ **Job-Specific Training**
- ☐ **Level II operator**
- ☐ **Level I operator**

Laser Coordinator sign here (if applicable):

DUV-FEL Operation (X.J. Wang (x5791))

- ☐ **Manuals and DUV-FEL documentation** location <http://www.nsls.bnl.gov/organization/Accelerator/DUVFEL/>
- ☐ **Response to Linac Modulator Malfunction**
- ☐ **Operator training**
- ☐ **Radiation Interlock Search Procedure**
- ☐ **Shielding, enclosure and oil check list**
- ☐ **LOTO Authorized training**
- ☐ **Operator Aid**
- ☐ **Operator Response to HPI Beam Loss and Chipmunk Radiation Monitors**
- ☐ **BNL Fire Extinguisher training (FRF-101)**

Experimental Procedures

- ☐ **Gas** use, fill and storage procedures
- ☐ **Cryogen**s fill station and demonstrate use
- ☐ **Chemical** use, labeling and storage
- ☐ **Waste Removal**
- ☐ **Satellite Accumulation Area**
- ☐ **90 Day Storage Area**
- ☐ **Lead** handling and cleanup
- ☐ **Electrical:** no work on exposed parts above 50V

I understand the instructions given to me on DUV-FEL operations and safety awareness.

Date	Life/Guest #	Print User Name	Signature
Policy: Each user must be instructed in the safe operation of this beamline. Instruction is valid for a maximum of two years. Beamline staff shall keep readily available all relevant instructions and safety literature. ADDITIONAL TRAINING and/or FORMAL WORK PLANNING may be required for lead handling, use of Class III or IV lasers, laboratory wet chemistry work, etc		DESIGNATED BLOSA TRAINERS for DUV-FEL facility: <input type="checkbox"/> P. Singh (Trainer: Check <input type="checkbox"/> X.J. Wang your name here & sign at right)	Trainer's Signature: